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<b>(54) Title:</b> ✓ A PHARMACEUTICAL COMPOSITION OF COMPLEX CARBOHYDRATES AND ESSENTIAL OILS AND METHODS OF USING THE SAME			
<b>(57) Abstract</b> <p>The invention discloses the discovery that a pharmaceutical composition containing complex carbohydrates with or without natural or synthetic essential oils can work effectively as a topical, oral or mucosal pharmaceutical composition. Such pharmaceutical compositions reduce inflammation, assist in wound healing, protect against bruising, relieve itching, relieve pain and swelling and treat topical bacterial infections such as acne and decubitus ulcers and prevent and treat numerous other conditions and diseases. Such pharmaceutical compositions can be administered to mammals including humans. Also included in this invention are methods to deliver topically applied macromolecules into the tissue of mammals and methods of blocking the adhesion, metastatic and coronary cascades.</p>			